

the hallicrafters co.

MANUFACTURERS OF RADIO, TELEVISION AND ELECTRONIC EQUIPMENT, CHICAGO 24, U. S. A.

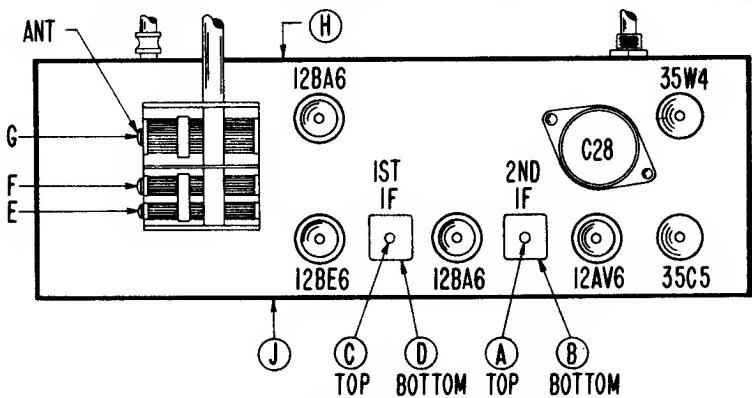


Fig. 2. Top View Alignment Locations

MODELS 611 AND 612 AC/DC RADIO RECEIVER

SPECIFICATIONS

Tubes 6 tubes including rectifier

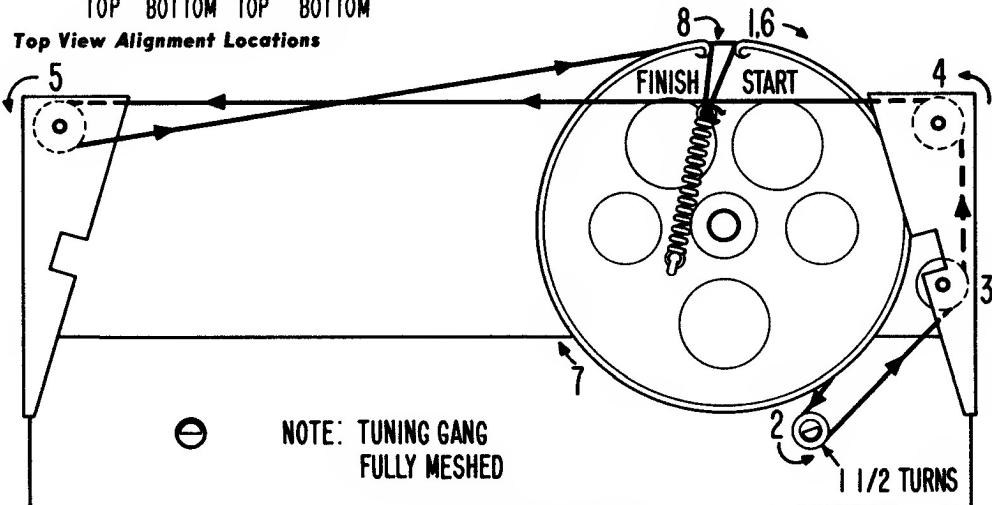
Power 105-125 volts DC/50-60 cycle AC
32 watts

Frequency Coverage 535 to 1620 KC

Intermediate Frequency 455 KC

Speaker 4" x 6" oval PM

Voice Coil Impedance 3.2 ohms

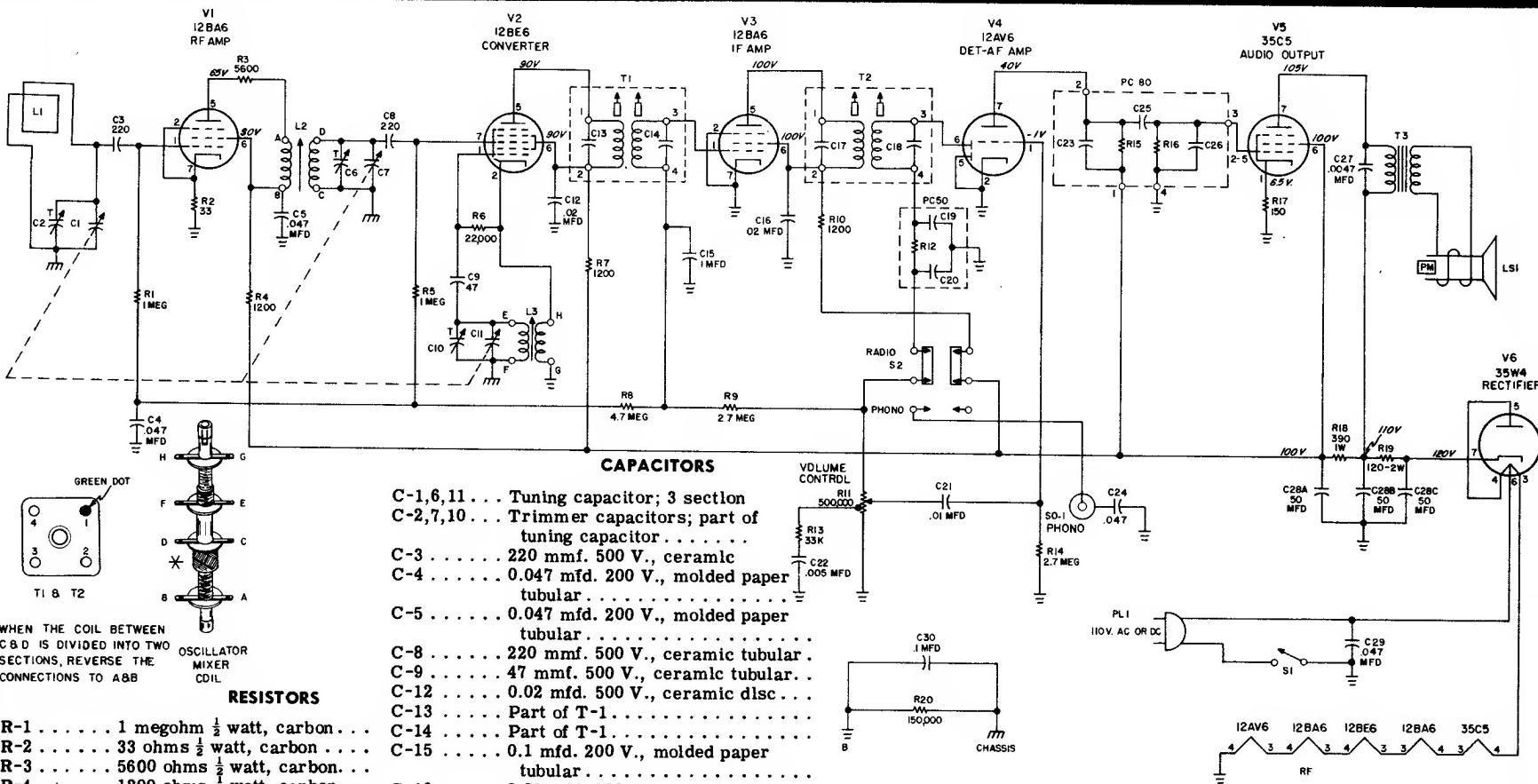


ALIGNMENT PROCEDURE

- Connect output meter across voice coil.
- Set volume control at maximum.
- Use a non-metallic alignment tool.
- Refer to Fig. 2 for location of alignment adjustments.

- Generator must have modulated output and cover 455 KC, 1400 KC and 1620 KC.
- To avoid AVC action use lowest output setting of generator that gives a satisfactory reading on meter.

Step	Signal Generator Connections	Generator Frequency	Receiver Dial Setting	Adjust
1	High side through .01 mfd. capacitor to pin 7 of V2. Low side to B-.	455 KC	Gang half meshed	A and B (2nd I-F) C and D (1st I-F)
2	Same as step 1	1620 KC	Gang fully open	E (Osc. trimmer)
3	High side through .01 mfd. capacitor to pin 1 of V1. Low side to B-.	1400 KC	Tune in gen. signal	F (Mixer trimmer)
4	Radiate generator signal into loop antenna.	1400 KC	Tune in gen. signal	G (Antenna trimmer)
5	Same as step 4.	600 KC	600 KC	H and J (osc/mixer slugs)
6	Repeat step 4.			



VOLTAGE READINGS ARE TAKEN UNDER THE FOLLOWING CONDITIONS
1. LINE VOLTAGES -117 VOLTS DC OR 50/60 CYCLE AC.

2. VOLTAGES ARE DC. UNLESS OTHERWISE SPECIFIED.

3. D.C. VOLTAGES ARE MEASURED WITH VTVM BETWEEN THE TUBE SOCKET TERMINALS AND B-(---).

VOLTAGES